IN THE CLAIMS

Claim 1 (Original): A code reader comprising:

a housing;

a reading portion provided at the housing for reading a code provided at an object;

image capturing means provided at the housing for capturing an image of the code;

light generating means including a light source provided at the housing for irradiating an illumination light to the code;

light restriction means for restricting an amount of reflected illumination light, reflected from the code, that enters the image capturing means; and

a flexible board provided at the housing, on which the light source is positioned.

Claim 2 (Original): The code reader according to Claim 1, wherein the housing includes an opening portion between the light restriction means and the reading portion, and the flexible board is positioned at an internal wall of the housing that faces the opening portion.

Claim 3 (Original): The code reader according to Claim 1, further comprising an adhesive provided at a side of the light source, the adhesive fixing the flexible board to the housing.

Claim 4 (Original): The code reader according to Claim 1, wherein the light source includes plural light sources arranged in series.

Claim 5 (Original): The code reader according to Claim 4, further comprising adhesives provided at both sides of the plural light sources, the adhesives fixing the flexible board to the housing.

Claim 6 (Original): The code reader according to Claim 4, wherein the housing includes an opening portion between the light restriction means and the reading portion and the flexible board provided with the plural light sources is provided at an internal wall of the housing that faces the opening portion.

Claim 7 (Original): A code reader comprising:

a housing;

a reading portion provided at the housing for reading a code provided at an object;

a CCD camera provided at the housing for capturing an image of the code;

a light source provided at the housing configured to irradiate an illumination light to the code;

a light diaphragm configured to restrict an amount of reflected illumination light, reflected from the code, that enters the CCD camera; and

a flexible board provided at the housing, on which the light source is positioned.

Claim 8 (Original): The code reader according to Claim 7, wherein the housing includes an opening portion between the light diaphragm and the reading portion, and the flexible board is positioned at an internal wall of the housing that faces the opening portion.

Claim 9 (Original): The code reader according to Claim 7, further comprising an adhesive provided at a side of the light source, the adhesive fixing the flexible board to the housing.

Claim 10 (Original): The code reader according to Claim 7, wherein the light source includes plural light sources arranged in series.

Claim 11 (Original): The code reader according to Claim 10, further comprising adhesives provided at both sides of the plural light sources, the adhesives fixing the flexible board to the housing.

Claim 12 (Original): The code reader according to Claim 10, wherein the housing includes an opening portion between the diaphragm and the reading portion and the flexible board provided with the plural light sources is provided at an internal wall of the housing that faces the opening portion.

Claim 13 (New): The code reader according to Claim 1, wherein the flexible board includes a light source boarding portion having a power circuit provided thereon, a wiring portion laterally extended from the light source boarding portion, and a central terminal portion.

Claim 14 (New): The code reader according to Claim 1, wherein at least the image capturing means is provided on a circuit board that is electrically connected to the flexible board.

Claim 15 (New): The code reader according to Claim 3, wherein the adhesive is provided on a side of the flexible board opposite to a side of the light source.

Claim 16 (New): The code reader according to Claim 1, further comprising a light transmission member provided adjacent to the reading portion, the light transmission member comprising a transparent resin.

Claim 17 (New): The code reader according to Claim 7, wherein the flexible board includes a light source boarding portion having a power circuit provided thereon, a wiring portion laterally extended from the light source boarding portion, and a central terminal portion.

Claim 18 (New): The code reader according to Claim 7, wherein at least the CCD camera is provided on a circuit board that is electrically connected to the flexible board.

Claim 19 (New): The code reader according to Claim 9, wherein the adhesive is provided on a side of the flexible board opposite to a side of the light source.

Claim 20 (New): The code reader according to Claim 7, further comprising a light transmission member provided adjacent to the reading portion, the light transmission member comprising a transparent resin.